CLAIMS

What is claimed is:

5   1.   A method for externally identifying a particular callee, said method comprising:

receiving a voice utterance for a callee at a server external to a trusted telephone network, wherein said trusted
10 telephone network is processing a call to said callee; and

identifying a callee identity associated with said voice utterance at said server, such that said callee identity is transmittable as an authenticated identity of said callee for a
15 call.

2.   The method for externally identifying a particular callee according to claim 1, wherein receiving a voice utterance further comprises:

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receiving said voice utterance through a secure channel between said server and said trusted telephone network.

3.   The method for externally identifying a particular callee
25 according to claim 1, wherein said trusted telephone network brokers said call between said callee and said server.

4.   The method for externally identifying a particular callee according to claim 1, wherein said trusted telephone network comprises at least one public switching telephone network.

5   5.   The method for externally identifying a particular callee according to claim 1, wherein said trusted telephone network comprises a private switching system.

6.   The method for externally identifying a particular callee
10 according to claim 1, further comprising:

     enabling communication between said server and said trusted telephone network via a network comprising at least one from among an Intranet, the Internet, and a private network
15 connection.

7.   A system for externally identifying a particular callee,
comprising:

    a network communicatively connected to a trusted telephone
5   network;

    a telephone service server communicatively connected to said
network;

    means for receiving a voice utterance for a callee of a call
10 transferred from said trusted telephone network to said telephone
service server via said network; and

    means for identifying a callee identity associated with said
15 voice utterance at said telephone service server.

8.   The system for externally identifying a particular callee
according to claim 7, wherein said trusted telephone network
brokers said call between said callee and said telephone service
20 server.

9.   The system for externally identifying a particular callee
according to claim 7, wherein said means for receiving a voice
utterance further comprises:
25   means for receiving said voice utterance through a secure
channel between said telephone service server and said trusted
telephone network.

10.   The system for externally identifying a particular callee according to claim 7, wherein said trusted telephone network comprises at least one public switching telephone network.

5   11.   The system for externally identifying a particular callee according to claim 7, wherein said trusted telephone network comprises a private switching system.

12.   The system for externally identifying a particular callee according to claim 7, wherein said network comprises at least one of an Intranet, the Internet, and a private network connection.

13.   The system for externally identifying a particular callee according to claim 7, wherein said network operates independent of said trusted telephone network.

14.   A computer program product for externally identifying a particular callee, said computer program product comprising:

20   a recording medium;

      means, recorded on said recording medium, for receiving a voice utterance for a callee at a server external to a trusted telephone network, wherein said trusted telephone network is processing a call to said callee; and

      means, recorded on said recording medium, for identifying a callee identity associated with said voice utterance at said server, such that said callee identity is transmittable as an

authenticated identity of said callee for a call.

15.　The computer program product for externally identifying a particular callee according to claim 14, further comprising:

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　　means, recorded on said recording medium, for receiving said voice utterance through a secure channel between said server and said trusted telephone network.

16.　The computer program product for externally identifying a particular callee according to claim 14, further comprising:

　　means, recorded on said recording medium, for enabling communication between said server and said trusted telephone network via a network comprising at least one from among an Intranet, the Internet, and a private network connection.

17.　A method for specifying telephone services for a particular callee, comprising:

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　　detecting a call receipt condition from a destination device at a trusted telephone network;

　　brokering a connection between said destination device and an external server enabled to perform a callee identity authentication service; and

　　responsive to receiving, from said external server, an authenticated callee identity of a callee utilizing said

destination device, specifying services available to said callee according to said authenticated callee identity.

18.   The method for specifying telephone services according to
5   claim 17, wherein said server is accessible via a network outside said trusted telephone network.

19.   The method for specifying telephone services according to claim 17, further comprising:

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retrieving a callee profile for said authenticated callee identity; and

specifying a selection of services from among a plurality of
15   services that are offered for said call according to said callee profile.

20.   The method for specifying telephone services according to claim 17, wherein said authenticated callee identity is
20   authenticated by a voice utterance of said callee.

21. The method for specifying telephone services according to
claim 17, wherein brokering a connection further comprises:

    transmitting a request for said callee identity
 5 authentication service via a signal gateway to a network for
accessing said external server;

    responsive to receiving access to said callee identity
authentication service, transferring said call to said external
10 server;

    transferring a prompt for a voice utterance, received from
said external server via a media gateway, to said destination
device;

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    transferring a voice utterance by said callee through said
media gateway to said network for accessing said external server;
and

20   receiving said authenticated callee identity via said signal
gateway at said trusted telephone network.

22. The method for specifying telephone services according to
claim 17, wherein brokering a connection further comprises:
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    brokering a secure connection between said trusted telephone
network and said external server.

23. The method for specifying telephone services according to
claim 17, further comprising:

     brokering a connection between an origin device accessible
5 to said caller and said external service, such that said caller
     is enabled to listen to authentication of said callee identity.

24. A system for specifying telephone services for a particular
callee, comprising:

10   a trusted telephone network enabled to process a call;

     means for detecting a call receipt condition from a
destination device at said trusted telephone network;

15   means for brokering a connection between said destination
     device and an external server enabled to perform a callee
     identity authentication service; and

20   means responsive to receiving, from said external server, an
     authenticated callee identity of a callee utilizing said
     destination device, for specifying services available to said
     callee according to said authenticated callee identity.

25 25. The system for specifying telephone services according to
     claim 24, wherein said server is accessible via a network outside
     said trusted telephone network.

26. The system for specifying telephone services according to
claim 24, further comprising:

   means for retrieving a callee profile for said authenticated
5 callee identity; and

   means for specifying a selection of services from among a
plurality of services that are offered for said call according to
said callee profile.

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27. The system for specifying telephone services according to
claim 24, wherein said authenticated callee identity is
authenticated by a voice utterance of said callee.

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28. The system for specifying telephone services according to claim 24, wherein brokering a connection further comprises:

      means for transmitting a request for said callee identity

5   authentication service via a signal gateway to a network for accessing said external server;

      means responsive to receiving access to said callee identity authentication service, for transferring said call to said

10   external server;

      means for transferring a prompt for a voice utterance, received from said external server via a media gateway, to said destination device;

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      means for transferring a voice utterance by said callee through said media gateway to said network for accessing said external server; and

20   means for receiving said authenticated callee identity via said signal gateway at said trusted telephone network.

29. The system for specifying telephone services according to claim 24, wherein brokering a connection further comprises:

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      means for brokering a secure connection between said trusted telephone network and said external server.

30. The system for specifying telephone services according to claim 24, further comprising:

means for brokering a connection between an origin device accessible to said caller and said external service, such that said caller is enabled to listen to authentication of said callee identity.

31. A computer program product for specifying telephone services for a particular callee, comprising:

a recording medium;

means, recorded on said recording medium, for detecting a call receipt condition from a destination device at a trusted telephone network;

means, recorded on said recording medium, for brokering a connection between said destination device and an external server enabled to perform a callee identity authentication service; and

means, recorded on said recording medium, for specifying services available to said callee according to an authenticated callee identity received from said external server.

32. A method for informing a caller of a callee identity, comprising:

   detecting a call receipt condition from a destination device
5 at a trusted telephone network;

   brokering a connection between said destination device and
an external server enabled to perform a callee identity
authentication service; and

   responsive to receiving, from said external server, an
authenticated callee identity of a callee utilizing said
destination device, transferring said authenticated callee
identity to an origin device, such that a caller initiating said
15 call at said origin device is informed of an identity of a party
answering said call.

33. The method for informing a caller of a callee identity
according to claim 32, further comprising:
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   filtering content of said authenticated callee identity
before transfer to said origin device.

34.   The method for informing a caller of a callee identity according to claim 33, further comprising:

filtering content of said authenticated callee identity
5   according to filtering preferences associated with said authenticated callee identity.

35.   The method for informing a caller of a callee identity according to claim 33, further comprising:

10   filtering content of said authenticated callee identity according to an identity of said caller.

36.   The method for informing a caller of a callee identity
15   according to claim 32, further comprising:

filtering said authenticated callee identity to block at least a portion of the content of said authenticated callee identity.

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37.   The method for informing a caller of a callee identity according to claim 32, further comprising:

detecting a line number utilized to access said destination
25   device; and

transferring said line number with said authenticated callee identity to said origin device.

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38. The method for informing a caller of a callee identity according to claim 32, further comprising:

detecting a line number utilized to access said destination device; and

blocking said line number from transfer to said origin device with said authenticated callee identity.

39. The method for informing a caller of a callee identity according to claim 32, further comprising:

detecting a call forwarded from a first line number to a second line number; and

transferring an indicator to said origin device with said authenticated callee identity that said call is forwarded to said second line number.

40.   The method for informing a caller of a callee identity
according to claim 32, further comprising:

     detecting a call transferred from a first line number to a
5   second line number during a call; and

     brokering a connection between a current destination device
accessible via said second line number and an external server
enabled to perform a callee identity authentication service; and

10   responsive to receiving, from said external server, a
current authenticated callee identity of a current callee
utilizing said current destination device, transferring said
current authenticated callee identity to said origin device to
15 update said caller.

41.   The method for informing a caller of a callee identity
according to claim 32, further comprising:

20   brokering a connection between said destination device and
said external server periodically throughout said call to
authenticate said callee identity;

     responsive to receiving, from said external server, a
25 current authenticated callee identity differing from a previously
received authenticated callee identity, transferring said current
authenticated callee identity to said origin device to update
said caller that the identity of the callee has changed.

42. A system for informing a caller of a callee identity,
comprising:

5   a trusted telephone network enabled to process a call;

       means for detecting a call receipt condition from a
destination device at said trusted telephone network;

       means for brokering a connection between said destination
10   device and an external server enabled to perform a callee
identity authentication service; and

       means responsive to receiving, from said external server, an
authenticated callee identity of a callee utilizing said
15   destination device, for transferring said authenticated callee
identity to an origin device to inform a caller initiating said
call at said origin device of an identity of a party answering
said call.

20   43. The system for informing a caller of a callee identity
according to claim 42, further comprising:

       means for filtering content of said authenticated callee
identity before transfer to said origin device.

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44. The system for informing a caller of a callee identity according to claim 43, further comprising:

    means for filtering content of said authenticated callee
5 identity according to filtering preferences associated with said authenticated callee identity.

45. The system for informing a caller of a callee identity according to claim 43, further comprising:

10   means for filtering content of said authenticated callee identity according to an identity of said caller.

46. The system for informing a caller of a callee identity according to claim 42, further comprising:

15   means for filtering said authenticated callee identity to block at least a portion of the content of said authenticated callee identity.

20 47. The system for informing a caller of a callee identity according to claim 42, further comprising:

    means for detecting a line number utilized to access said destination device; and

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    means for transferring said line number with said authenticated callee identity to said origin device.

48. The system for informing a caller of a callee identity according to claim 42, further comprising:

means for detecting a line number utilized to access said
5 destination device; and

means for blocking said line number from transfer to said origin device with said authenticated callee identity.

10 49. The system for informing a caller of a callee identity according to claim 42, further comprising:

means for detecting a call forwarded from a first line number to a second line number; and

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means for transferring an indicator to said origin device with said authenticated callee identity that said call is forwarded to said second line number.

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50. The system for informing a caller of a callee identity
according to claim 42, further comprising:

   means for detecting a call transferred from a first line
5 number to a second line number during a call; and

   means for brokering a connection between a current
destination device accessible via said second line number and an
external server enabled to perform a callee identity
10 authentication service; and

   means responsive to receiving, from said external server, a
current authenticated callee identity of a current callee
utilizing said current destination device, for transferring said
15 current authenticated callee identity to said origin device to
update said caller.

51. The system for informing a caller of a callee identity
according to claim 42, further comprising:
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   means for brokering a connection between said destination
device and said external server periodically throughout said call
to authenticate said callee identity;

25   means responsive to receiving, from said external server, a
current authenticated callee identity differing from a previously
received authenticated callee identity, for transferring said
current authenticated callee identity to said origin device to
update said caller that the identity of the callee has changed.

52. A computer program product for informing a caller of a callee identity, comprising:

5   a recording medium;

means, recorded on said recording medium, for detecting a call receipt condition from a destination device at said trusted telephone network;

10   means, recorded on said recording medium, for brokering a connection between said destination device and an external server enabled to perform a callee identity authentication service; and

15   means, recorded on said recording medium, for transferring an authenticated callee identity received from said external server to an origin device to inform a caller initiating said call at said origin device of an identity of a party answering said call.

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53. The computer program product for informing a caller of a callee identity according to claim 52, further comprising:

means, recorded on said recording medium, for filtering
25 content of said authenticated callee identity before transfer to said origin device.

54. The computer program product for informing a caller of a callee identity according to claim 53, further comprising:

   means, recorded on said recording medium, for filtering
5 content of said authenticated callee identity according to filtering preferences associated with said authenticated callee identity.

55. The computer program product for informing a caller of a
10 callee identity according to claim 53, further comprising:

   means, recorded on said recording medium, for filtering content of said authenticated callee identity according to an identity of said caller.

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56. The computer program product for informing a caller of a callee identity according to claim 52, further comprising:

   means, recorded on said recording medium, for filtering said
20 authenticated callee identity to block at least a portion of the content of said authenticated callee identity.

57. The computer program product for informing a caller of a callee identity according to claim 52, further comprising:

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   means, recorded on said recording medium, for detecting a line number utilized to access said destination device; and
   means, recorded on said recording medium, for transferring said line number with said authenticated callee identity to said

origin device.

58. The computer program product for informing a caller of a callee identity according to claim 52, further comprising:

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    means, recorded on said recording medium, for detecting a line number utilized to access said destination device; and

    means, recorded on said recording medium, for blocking said line number from transfer to said origin device with said authenticated callee identity.

59. The computer program product for informing a caller of a callee identity according to claim 52, further comprising:

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    means, recorded on said recording medium, for detecting a call forwarded from a first line number to a second line number; and

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    means, recorded on said recording medium, for transferring an indicator to said origin device with said authenticated callee identity that said call is forwarded to said second line number.